

## PATENT COOPERATION TREATY

PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  S10048WO	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/CH2004/000193	International filing date ( <i>day/month/year</i> )  30/03/2004	(Earliest) Priority Date ( <i>day/month/year</i> )  31/03/2003
Applicant  RIETER TECHNOLOGIES AG		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (See Box II).

3.  **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 4

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b.  none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CH2004/000193

A. CLASSIFICATION OF SUBJECT MATTER	IPC 7 D04H13/00	B60R13/08	B32B5/26	E04B1/82	G10K11/162
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 D04H B60R B32B E04B G10K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 841 156 A (JAPAN ABSORBENT TECHNOLOGY INS) 13 May 1998 (1998-05-13) page 2, line 15 – line 30 page 3, line 1 – page 5, line 10 page 7, line 16 – line 42; figure 3A; example 4 -----	1-12
A	US 6 376 396 B1 (RIEDIGER WOLFGANG ET AL) 23 April 2002 (2002-04-23) column 2, line 20 – column 3, line 23 column 3, line 44 – line 57 -----	1-12
A	US 6 217 691 B1 (CLOCKSIN KENNETH ANDREW ET AL) 17 April 2001 (2001-04-17) column 1, line 6 – line 10 column 3, line 65 – column 5, line 13 column 6, line 10 – line 15; figures 1-3 ----- -/-	1-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

4 June 2004

Date of mailing of the international search report

16/06/2004

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International Application No  
PCT/CH2004/000193

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97/00989 A (MINNESOTA MINING & MFG) 9 January 1997 (1997-01-09) the whole document -----	1-12
A	WO 02/09089 A (KIERZKOWSKI MAREK ; COATES MICHAEL WILLIAM (AU); I N C CORP PTY LTD (A) 31 January 2002 (2002-01-31) page 2, line 16 - line 20 page 3, line 1 - page 4, line 27; examples 1-10 -----	1-12
A	US 2001/036788 A1 (SANDOE MICHAEL D ET AL) 1 November 2001 (2001-11-01) cited in the application paragraph '0003! paragraph '0012! - paragraph '0021! -----	1-12
A	US 5 298 694 A (THOMPSON DELTON R ET AL) 29 March 1994 (1994-03-29) the whole document -----	1-12
P,A	WO 03/074267 A (FAURECIA AUTOMOTIVE IND ; BONAMY FREDERIC (FR); DUVAL ARNAUD (FR); HEN) 12 September 2003 (2003-09-12) the whole document -----	1-12
P,A	WO 2004/013395 A (KIMBERLY CLARK CO) 12 February 2004 (2004-02-12) the whole document -----	1-12
P,A	WO 2004/013396 A (KIMBERLY CLARK CO) 12 February 2004 (2004-02-12) the whole document -----	1-12

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No  
PCT/CH2004/000193

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0841156	A	13-05-1998	JP CA EP US CN WO	9076388 A 2226485 A1 0841156 A1 6258196 B1 1190931 A 9702946 A1		25-03-1997 30-01-1997 13-05-1998 10-07-2001 19-08-1998 30-01-1997
US 6376396	B1	23-04-2002	DE AT AU CA DE WO EP JP NO	19708188 A1 218171 T 6395998 A 2280772 A1 59804245 D1 9838370 A1 0963473 A1 2001513217 T 994155 A		03-09-1998 15-06-2002 18-09-1998 03-09-1998 04-07-2002 03-09-1998 15-12-1999 28-08-2001 27-08-1999
US 6217691	B1	17-04-2001	US US US	6270608 B1 2001050139 A1 2001054476 A1		07-08-2001 13-12-2001 27-12-2001
WO 9700989	A	09-01-1997	AU BR CA DE DE EP ES JP WO US	6286996 A 9608987 A 2224985 A1 69607164 D1 69607164 T2 0833973 A1 2143209 T3 11508328 T 9700989 A1 5841081 A		22-01-1997 29-06-1999 09-01-1997 20-04-2000 23-11-2000 08-04-1998 01-05-2000 21-07-1999 09-01-1997 24-11-1998
WO 0209089	A	31-01-2002	WO AU EP JP US	0209089 A1 7222201 A 1312073 A1 2004504517 T 2004053003 A1		31-01-2002 05-02-2002 21-05-2003 12-02-2004 18-03-2004
US 2001036788	A1	01-11-2001	GB	2333741 A ,B		04-08-1999
US 5298694	A	29-03-1994	BR CA DE DE EP ES JP JP US	9400139 A 2112622 A1 69400923 D1 69400923 T2 0607946 A1 2095684 T3 3014911 B2 6259081 A RE36323 E		09-08-1994 21-07-1994 02-01-1997 12-06-1997 27-07-1994 16-02-1997 28-02-2000 16-09-1994 05-10-1999
WO 03074267	A	12-09-2003	FR WO	2836748 A1 03074267 A1		05-09-2003 12-09-2003
WO 2004013395	A	12-02-2004	WO	2004013395 A1		12-02-2004
WO 2004013396	A	12-02-2004	US WO	2004023014 A1 2004013396 A1		05-02-2004 12-02-2004